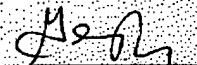


CERTIFICATE OF FACSIMILE TRANSMISSION

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*Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on June 11, 2003


Gerard J. McGowan, Jr.
Reg. No. 29,412


Date of Signature

PATENT

UNUS #97-0029-UNI
CASE #F7371(V)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Byass et al.
Serial No.: 09/308,140
Filed: December 30, 1999
For: CARROT ANTIFREEZE POLYPEPTIDES

Group: 1653
Examiner: S. Liu
Edgewater, New Jersey 07020


SUPPLEMENTAL AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In the claims:

Please amend claims 2, 21 and 23 as follows:

 2. (Fourth amended) Isolated polypeptides having antifreeze activity comprising fragments (A-E) of the amino acid sequence in the following order within the polypeptide: